

**Controlled airbag module has gas generator that generates gas flow in response to trigger signal that is divided into two sub-flows and fed to different housing parts**

**Patent Assignee:** BSRS RESTRAINT SYSTEMS GMBH; SIEMENS RESTRAINT SYSTEM GMBH  
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#### Patent Family

Patent Number	Kind	Date	Application Number	Kind	Date	Week	Type
WO 200056580	A1	20000928	WO 2000EP2397	A	20000317	200056	B
DE 19912369	A1	20001005	DE 1012369	A	19990319	200057	
EP 1165349	A1	20020102	EP 2000914152	A	20000317	200209	
			WO 2000EP2397	A	20000317		

**Priority Applications (Number Kind Date):** DE 1012369 A ( 19990319)

#### Patent Details

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#### Abstract:

WO 200056580 A1

**NOVELTY** The airbag module has at least one gas generator (1) in a module housing consisting of several parts that generates a gas mass flow in response to a trigger signal that is divided into two sub-flows by a control element (3) in the form of a mechanical distributor element. Each sub-flow is fed into a different part of the module housing.

**USE** For motor vehicle occupant protection.

**ADVANTAGE** Is very flexible in terms of application and overcomes the problem of excessive gas sack force on an out of position occupant.

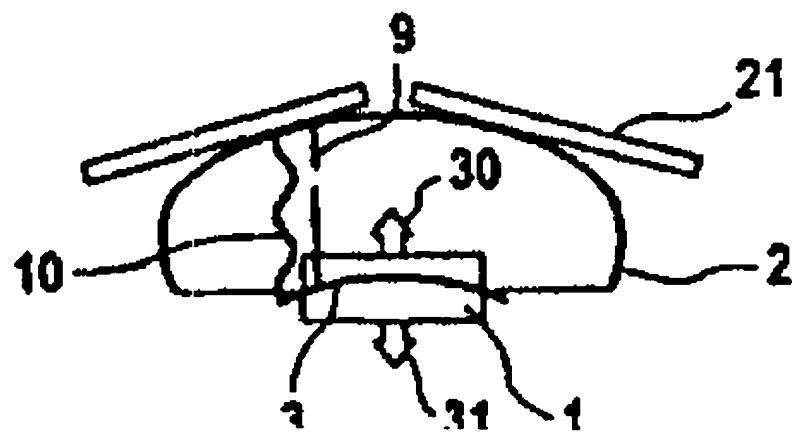
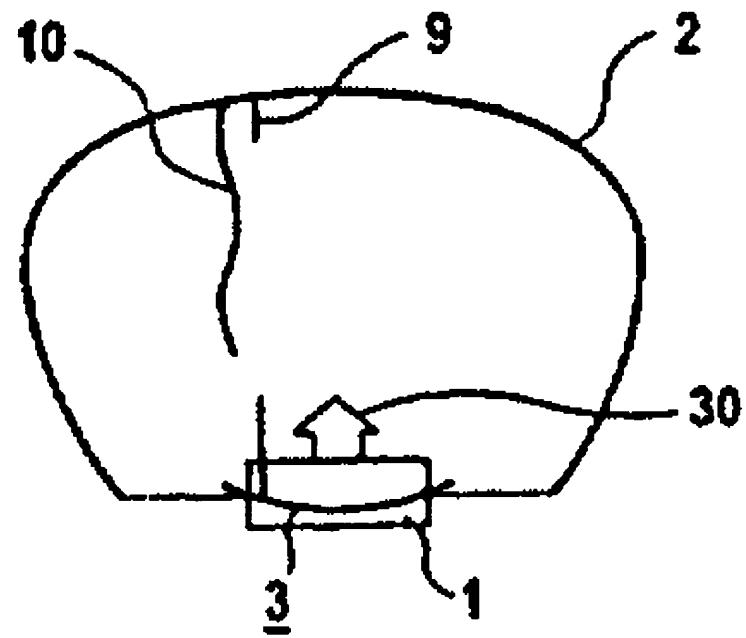
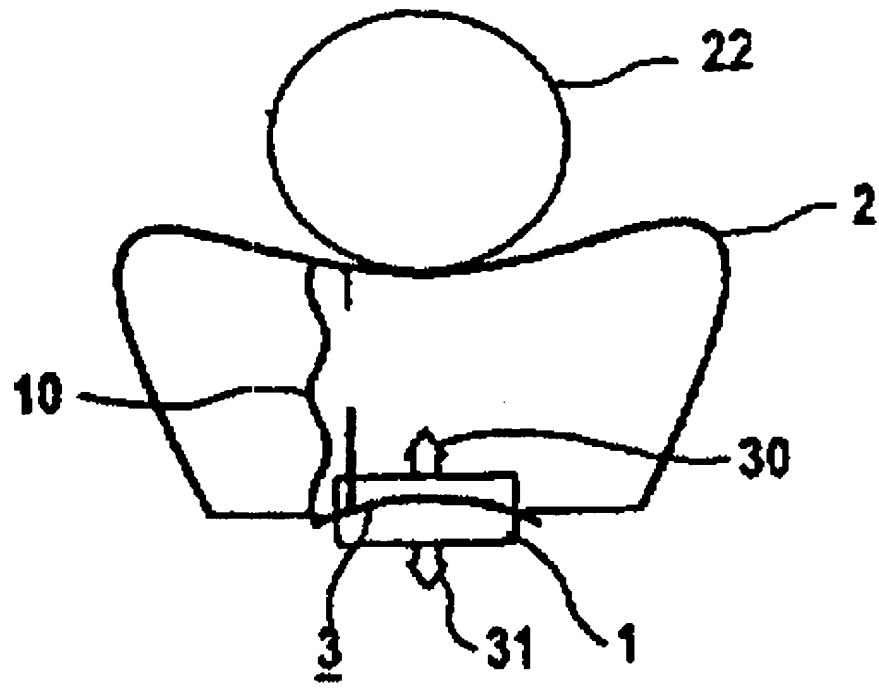
**DESCRIPTION OF DRAWING(S)** The drawings shows a schematic representation of the deployment of a gas sack after ignition for unhindered and out-of-position cases

gas generator (1)

control element (3)

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